

Publications of the Carnegie Museum: No. 6

# STORAGE

THE CARNEGIE MUSEUM

PITTSBURGH

## PRIZE ESSAY CONTEST

1899

BMES







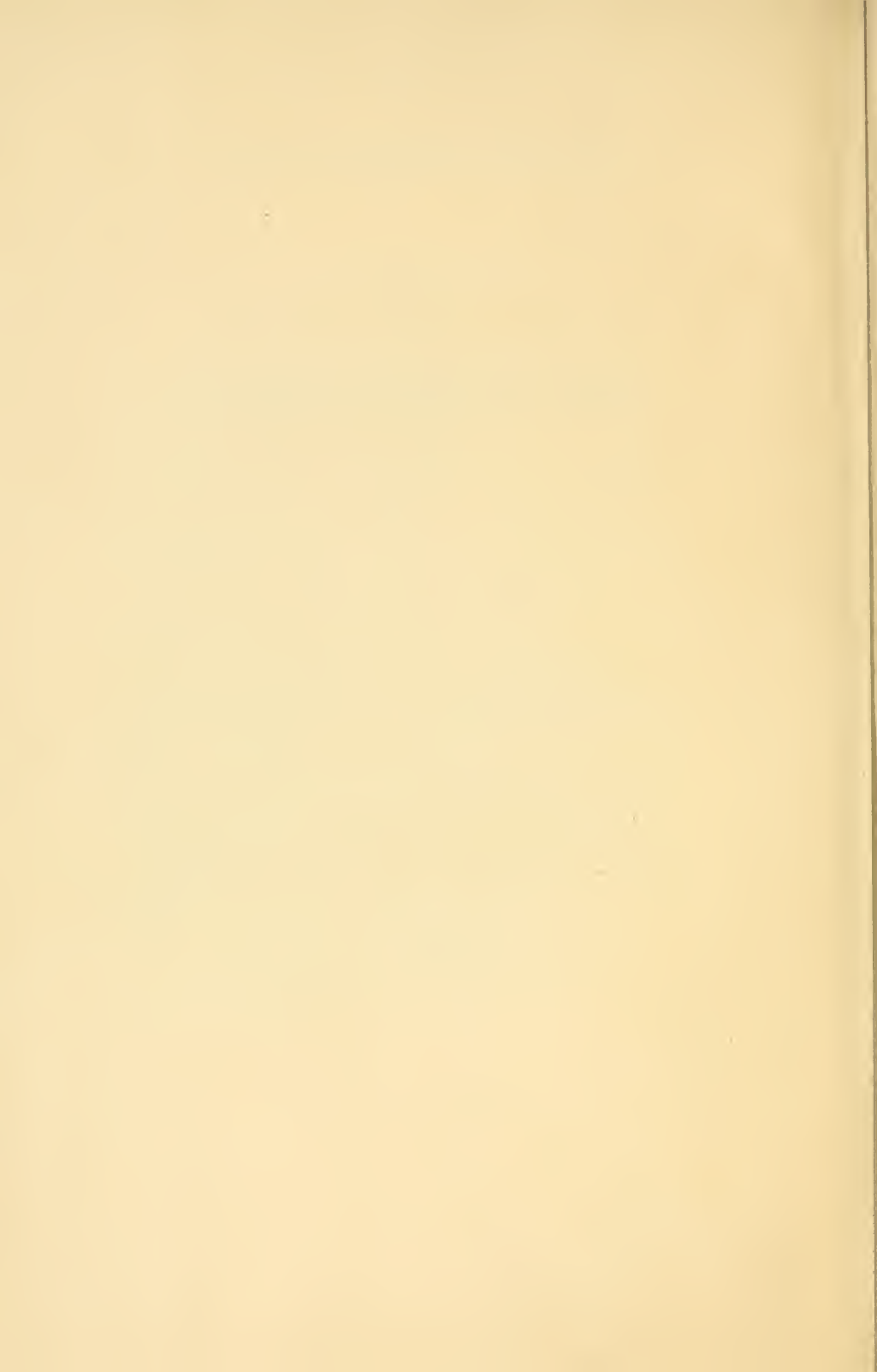
ANDREW CARNEGIE,  
The Founder of the Carnegie Institute.

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THE CARNEGIE MUSEUM  
PITTSBURGH

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1899



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The preliminary step taken in preparation for the Fourth Prize Essay Contest at the Carnegie Museum was the publication of the following circular:

## CARNEGIE MUSEUM PRIZE ESSAY CONTEST.

PITTSBURGH, PA., OCTOBER 10, 1899.

The Museum Committee of the Carnegie Institute have arranged for the Fourth Annual Prize Essay Contest under the following conditions, which present important changes from the plans of former years. The contest will be confined to pupils of the Pittsburgh High Schools and of Steps 14 and 13 of the Pittsburgh Public Schools. The High School pupils will compete in four classes corresponding to their classes at school, and prizes will be awarded as follows:

|                             |              |             |            |
|-----------------------------|--------------|-------------|------------|
| High School, 4th year. .... | 1st, \$25.00 | 2d, \$10.00 | 3d, \$5.00 |
| " " 3d " .....              | 1st, 15.00   | 2d, 10.00   | 3d, 5.00   |
| " " 2d " .....              | 1st, 15.00   | 2d, 10.00   | 3d, 5.00   |
| " " 1st " .....             | 1st, 15.00   | 2d, 10.00   | 3d, 5.00   |

For Step 14, prizes will be awarded as follows:

|                            |              |             |            |
|----------------------------|--------------|-------------|------------|
| Ward School, Step 14. .... | 1st, \$15.00 | 2d, \$10.00 | 3d, \$5.00 |
| and ten of \$2.00.         |              |             |            |

For Step 13 prizes will be awarded as follows:

|                            |              |             |            |
|----------------------------|--------------|-------------|------------|
| Ward School, Step 13. .... | 1st, \$15.00 | 2d, \$10.00 | 3d, \$5.00 |
| and ten of \$2.00.         |              |             |            |

Each contestant is required to make a thorough study and inspection of the Museum, and is urged to bring parents and friends, if convenient, to aid in gaining an intelligent understanding of the exhibits. The pupil should then write a composition upon this subject:

### **"What I Learned From Five Objects in the Carnegie Museum."**

This will require the contestants to choose the five things (either single objects, or groups, cases, or general collections) which interest them most in the Museum, to describe them, and to say what they teach.

The contest will open on Thursday, November 2, 1899, and close on Monday, November 27, 1899.

The composition must not exceed 1,200 words. They must be addressed and sent to the "Director of the Carnegie Museum, Pittsburgh, Pa.," not later than November 27, and the outside envelope marked "Prize Competition—High School—First Year" (or Second, or Third, or Fourth Year, as the case may be), or "Prize Competition—Step 14" or "Prize

Competition—Step 13" respectively. Each essay must be signed with an assumed name, and have pinned to it a sealed envelope marked with the same assumed name, school and class, and containing a slip of paper on which is written the same assumed name together with the author's full name, age, address, school, class, and teacher. Envelopes and blanks are provided by the Director of the Museum, and all who intend to compete may obtain the necessary envelopes and blanks by applying at the office of the Director between the hours of 1 and 5 p. m. (Sundays excepted.)

The prizes will be awarded at a public meeting of all the contestants and their friends, to be held at the Carnegie Institute on Monday evening, December 18, 1899, at eight o'clock. In awarding the prizes, the judges will not lay special stress on penmanship, but upon spelling, clear expression, and the evidences of general intelligence. The contestants are allowed to obtain all possible information from reference books as well as from parents and friends, but it is a point of honor that the composition of the essay shall be exclusively the work of the pupil. Should this injunction be overlooked, an essay composed by other hands would doubtless bring its own defeat. The work of the pupils themselves is required, no matter how far short of excellence that work may be.

Let all the members of the eligible classes contest—the more the better.

W. J. HOLLAND,  
Director of the Museum.

The foregoing circular was accompanied by the following circular, a copy of which was mailed to each teacher in the schools of the city.

## CARNEGIE MUSEUM PRIZE ESSAY CONTEST.

PITTSBURGH, PA., OCTOBER 10, 1899.

The Trustees and Director of the Carnegie Museum earnestly solicit the co-operation of the teachers in the High Schools and Ward Schools of the City of Pittsburgh, in the effort they are putting forth to awaken an interest in the youth of the city in those branches of study which the Carnegie Museum is designed to promote—history, the arts, and the natural sciences. It may encourage the teachers in these various institutions to put forth especial effort, to know that it is the intention of the Trustees upon the occasion of the coming award of prizes to pupils to make public recognition, in a suitable manner, not only of the efforts of the pupils, but also of those teachers who have best succeeded in enlisting their students in the work of competing for the prizes which are offered.

We earnestly solicit your attention to the contest, and ask you to urge as many of your pupils as possible to compete for the prizes which are offered.

Circulars giving information as to the terms of the competition and envelopes and blank forms to be used have been sent to the Principals of the various High Schools and the Principals of the various Ward Schools, from whom they may be obtained.

W. J. HOLLAND,  
Director Carnegie Museum.

Envelopes, a circular of instructions, and a pledge were given to all those intending to enter the contest who applied for them at the Museum. The pledge which each contestant was required to sign is as follows:

"I hereby affirm that this essay is my own work, and was written by my own hand."

When the contest closed on November 27th, it was found that four hundred and one essays had been submitted in competition. The task before the judges was one of considerable magnitude. A preliminary meeting was held at which Rev. Daniel Dorchester, D. D., was chosen to act as chairman. The work of examining and passing upon the merits of the essays was entrusted to three sub-committees, organized as follows:

Committee on High School. Rev. Maitland Alexander, D. D., Chairman; Jas. R. Macfarlane, Esq., Rev. W. A. Stanton, Prof. H. S. Scribner, Prof. S. A. Hunter.

Committee on Step 14. Daniel Dorchester, Ph. D., Chairman; Theo. Diller, M. D., Rev. C. E. St. John, C. W. Scovel, Esq., Miss Killikelly, Mrs. David Kirk, Miss R. J. Devore, E. E. Kieran, Esq.

Committee on Step 13. G. F. Muller, Chairman; Rt. Rev. Cortlandt Whitehead, D. D., W. B. Edwards, Mrs. O. D. Thompson, Mrs. W. J. Moorhead, L. W. Reilly, Rev. T. E. Cramblet, Miss Alice M. Thurston.

Owing to the fact that the Music Hall could not be obtained for the exercises on the evening of the 18th of December, the meeting was postponed to the evening of the 19th. At the appointed hour the great hall was comfortably filled with the pupils of the schools, their teachers, and friends. The Trustees of the Institute, the Board of Judges, and the Director of the Museum were seated upon the platform. Mr. C. C. Mellor, Chairman of the Museum Committee, presided. The exercises were opened with prayer by Rev. Mr. T. E. Cramblet. Mr. Mellor then arose, and after a few congratulatory remarks in his usual happy vein, introduced Prof. Samuel Andrews, the Superintendent of Public Instruction of the City of Pittsburgh, who spoke as follows:

Mr. Chairman—Ladies and Gentlemen and Pupils. This being a meeting where no subjects are assigned to speakers, and the time allotted to each limited, I shall be very brief in what I have to say, and shall assume, with the permission of the pupils, the position of speaking for them on this occasion.

In the first place we wish to return our sincere thanks to the Board of Trustees of the Carnegie Museum for the privilege we enjoy in being permitted to take part in this Essay Contest, which has been established by their efforts and kindness, and we shall ever endeavor to fully appreciate their kindness in our behalf.

We realize that we cannot all be prize winners. To those of us who have been defeated in the present contest, we only take such defeat as notice that if we would reach the goal we must put forth better efforts during the coming year.

We rejoice with those who have been successful, and say to them that we have profited by the contest and thank them for the standard they have this day set for us. The victory is justly and honestly yours.

We consider ourselves indeed fortunate that we have the advantages offered by the Museum, the Library, and the Conservatory. Our opportunities for obtaining an education with such adjuncts are certainly great, and we would prove unworthy if we should not avail ourselves of the advantages offered, fitting us for the highest duties of life.

We promise, gentlemen of the Carnegie Museum, that in years to come, when you all have been called home, there will be among our number those who will carry on the great work you have inaugurated and bestow upon others the blessings which through your kindness have been bestowed upon us. We take it that in no other way can we repay you than by an earnest effort to perpetuate the work in the interest of education.

Mr. Chairman, as Superintendent of Schools of the City, I wish to convey to the Trustees my thanks for the interest they have taken in the welfare of our schools, and I am certain your efforts in this direction are appreciated by all who are interested in our schools. On behalf of parents, pupils, and teachers, I thank you, and wish you God speed in your work, and any assistance that I can render you it will be a pleasure for me to give.

In closing, I desire to congratulate those who have been successful in winning prizes, and ask them ever to remember that

" Nothing great is lightly won,  
Nothing won is lost;  
Every good deed nobly done  
Will repay the cost."

At the conclusion of Prof. Andrews' remarks, which were heartily applauded, the Chairman introduced Rev. Dr. Daniel Dorchester, the Chairman of the Board of Judges. Dr. Dorchester said:

"When the judges met and organized, they found confronting them one hundred and four essays from the High School, one hundred and fifty-two from Step number Fourteen, and one hundred and forty-five from Step number Thirteen: four hundred and one essays in all, truly a formidable collection! And when "in our minds' eye" we saw the earnest young faces of the contestants, their aspirations, their mingled hopes and fears; and speculated upon what our awards might mean to them and to their friends, the undertaking to which we had been summoned appeared beset with extreme difficulty and to demand our utmost patience and wisdom.

We have held, either as a Committee of the Whole, or as Sub-committees, several meetings. Every essay has been read at least once and some of them several times; a careful comparison has been made and our conclusions have been reached with practical unanimity.

In rendering our various verdicts we do not wish to convey the impression that the essays to which we have awarded the first prizes in the different classes are in our judgment greatly superior to those receiving the second prize; or that those to whom we have accorded the second are far more meritorious than the third, and so following. In many cases but a slight preponderance of excellence, perceptible only after minute analysis and comparison, has been discerned by which to grade the better essays and determine the awards. While we congratulate the winners and would not take from them one iota of their due meed of praise, we desire to commend those who struggled so near to victory and encourage them to strenuous efforts for that mastery of knowledge and style, which is its own exceeding great reward.

"It is not what man does," Browning says, "that exalts him, but what man would do." This is a great truth. The real quality of an action lies behind the deed. Every aspiration,



worthily put forth by the humblest contestant for these prizes has exalted the doer; he has become greater and better for the effort.

The Committee desires to congratulate the Director of the Museum upon the real educational value of these contests. This competition reveals the fact that four hundred and one young persons have devoted, we do not know how many hours of study, to various objects in these hospitable halls. They have talked over the results of their observations with a much wider circle; and thus a considerable portion of this community has been brought nearer a sympathetic comprehension of the aim of every reputable Museum, namely; to show the essential unity of all forms of life—the one great family of creatures to which man belongs, and the magnificent dwelling-place in which we are all alike brief tenants. Indeed, the most distinctive characteristic of our century is this intense feeling for life and the deepening conviction of the close, continuous, mutual relation subsisting between all forms of being and all parts of the universe. The years of patient observation that Charles Darwin gave to the earth-worm and John Lubbock to the ant teach that every creature is worthy of reverent study and has something to reveal which is necessary to a proper understanding of the whole. Is it too much to say that these boys and girls have partaken of the spirit of the age and by their observations and reflections have tried to spell out its real meaning?

They certainly have had a vivid conception of the mastodon as he roamed over the earth; they have invested the monkeys with human interest; they have a speaking acquaintance with the mummies and the Indians, and, in a few cases, have evidently strung their observations, crudely of course, on a theory much like that of evolution. The best of these boys and girls have reached the stage of vivid suggestive observation; and thus are being prepared for the larger generalizations of unity which the study of the various comparative sciences will teach them.

Many of these writers, it is true, are scrappy in style, and give us only bits of information, which they have picked up like hungry birds. Most fail in the matter of observation and the use of their own intellects in expression. But originality is not common even in persons of more advanced youth. Originality is not found in all sermons, nor in all newspaper editorials and books.

"Genius," Hazlitt says, "is some strong quality in the mind, aiming at and bringing out some new and striking quality in nature." It is this strong, original quality in the mind which these competitions aim to stimulate; it is this that the new education with its improved methods professes to develop; it is this that we hope these boys and girls, who are heirs of that wonderful century, the twentieth, will attain.

In the interests of that larger and richer education, which this Carnegie Institute seeks to promote, may I on my own personal responsibility, express the hope that the Director of the Art Gallery will offer prizes to the more advanced pupils in our schools for the best essays on some one or more pictures in the collection. It seems to me that such a competition would admirably complement the excellent work now being done by the Museum.

Science emphasizes the anatomy of the world; Art its "wonder, bloom and beauty." The former is apt to follow the guidance of reason alone and confine its attention too closely to things; the latter sometimes takes the wings of imagination and ignores the most obvious facts. Each needs the help of the other. Science at its best is thought winging its way from the known to the unknown, and Art achieves her most notable triumphs when she shows a supernal glory shining in the limitations of actual forms.

If Pittsburgh is to be an Art centre, it must have an artistic atmosphere. What more promising means of generating such an atmosphere than by inducing some hundred or more pupils every year to make a sympathetic study of these pictures, thus creating a necessity for the introduction into our schools of the study of Art, which I believe, can do more for the refinement and enrichment of our youth than anything now taught in our courses of study. (Loud applause.)

When Dr. Dorchester had concluded his remarks he announced the fictitious names of the successful contestants. The envelopes containing the names were then opened, one by one, and as the true names of the contestants were ascertained they were invited to come forward and take seats which had been reserved for them in the front of the Hall. They then came forward in a body to the stage and received at the hands of Mr. C. C.

Mellor, the Chairman of the Museum Committee, the prizes which they had won.

The Trustees, in the circular which they had addressed to the teachers, had announced their intention of suitably recognizing the efforts of those teachers who should be most successful in enlisting the interest of their pupils in the contest. Acting under the instructions of the Committee, the Director of the Museum now came forward and presented a volume, suitably inscribed as a souvenir of the pleasurable occasion, to each of the following teachers, who had most successfully endeavored to induce their pupils to engage in the contest :

Miss Margaret McQuiston, Sterrett School; Miss Eva F. Arbogast, of the Lucky School; Miss Barbara W. Reis, of the Mt. Washington School; Miss Belle S. McMillin, of the Sterrett School; Miss Marion V. Neeper, of the Garfield School; Miss Elizabeth R. Seed, of the Mt. Washington School, Miss Jane Treffinger, of the Grant School; Miss Annie McCormick, of the Peabody School; Miss Carrie B. Baird, of the Oakland School.

The following is a list of the Prize Winners:

### HIGH SCHOOL.

#### FOURTH YEAR

- 1st Prize, "Syrosmar".....Mary Ross, 18 years.  
6 Point View Avenue.
- 2d Prize, "Helen Stuart".....Anna Rogers Hunter, 18 years.  
24 22d Street, S. S.
- 3d Prize, "Codie".....Cora Frebertshauser, 18 years.  
1019 Bluff Street.
- Honorable mention, "Samantha Butterpole," Elsie Hively,  
16 years. Carolina Street.

#### THIRD YEAR.

- 1st Prize, "Maimonides".....Maurice Louis Avener, 21 years.  
912 Fifth Avenue.
- 2d Prize, "Polly Pepper".....Roberta Tener Johns, 17 years.  
Bouquet Street.
- 3d Prize, "Rose Thorn".....Belle Fishel, 17 years.  
6429 Winslow Street.





"Count Noble" and the Quails. Composed by F. S. Webster.



## SECOND YEAR.

- 1st Prize, "Gipsy Jane".....Bessie J. Ross, 15 years.  
6 Point View Avenue.
- 2d Prize, "Nathan Hale".....W. N. Miller, 16 years.  
242 Pacific Avenue.
- 3d Prize, "Camillus".....Elizabeth G. Gannon, 14 years.  
3412 Melwood Street.

## FIRST YEAR.

- 1st Prize, "Fannie Fern".....Annie Francis, 18 years.  
Center Street, 35th Ward.
- 2d Prize, "Ariadne".....Katherine Ann Armstrong, 14 years.  
317 Elysian Avenue.
- 3d Prize, "Nellie Bly".....Bertha Edna Martin, 16 years.  
Care Diamond National Bank.

## STEP 14.

- 1st Prize, "Sue Morris".....Martha Stewart, 13 years.  
5907 Broad Street, E. E.  
Hiland School; Miss Storey, Teacher.
- 2d Prize, "Naomi".....Lillian Johnson, 15 years.  
2129 Jane Street, S. S.  
Humboldt School; Miss Lauffer, Teacher.
- 3d Prize, "Rip Van Winkle".....Robert Mackey, 15 years.  
114 Meridian Street.  
Lucky School No. 2; Miss E. Arbogast, Teacher.

## \$2.00 PRIZES.

- "The Princess".....Mary Stickle, 14 years.  
4 Edith Street.  
Lucky School No. 2; Miss E. Arbogast, Teacher.
- "George Dewey".....May Dorcas Price, 15 years.  
3259 Bouquet Street.  
Oakland School; Miss Hulme, Teacher.
- "Catherine Dillon".....Elizabeth A. Purkey, 14 years.  
1302 Grandview Avenue.  
Lucky School No. 2; Miss E. Arbogast, Teacher.
- "Violet".....Edna Poudy, 13 years.  
3316 Ward Street.  
Oakland School; Miss Hulme, Teacher.

- "Addison".....Frank Blanchfield, 14 years.  
162 Belonda Street.  
Mt. Washington School, Miss Croner, Teacher.
- "John Alden".....Louis Johns, 13 years.  
270 42d Street.  
Washington School; Mrs. Burt, Teacher.
- "Rosetta Truby".....Ethel Harper, 16 years.  
64 Wabash Street, W. E.  
Thad. Stevens School; Miss M. E. Rogers, Teacher.
- "Eva St. Clair".....Eva Miller, 14 years.  
20 Cohasset Street.  
Luckey School No. 2; Miss E. Arbogast, Teacher.
- "Rosaline".....Bessie M. Hunter, 14 years.  
24 22d Street, S. S.  
Humboldt School; Miss Lauffer, Teacher.
- "Our City".....Herbert R. Stiefel, 13 years.  
143 40th Street.  
Washington School No. 1; Miss M. E. Graham, Teacher.

### STEP 13.

- 1st Prize, "Hazel".....Edith Edwards, 14 years.  
1607 Ann Street.  
Grant School; Miss J. Treffinger, Teacher.
- 2d Prize, "Clever".....Margaret Olwen Evans, 15 years.  
914 Vickroy Street.  
Forbes School; Miss Anna Weis, Teacher.
- 3d Prize, "Portia".....Florence Chaffey, 13 years.  
56 Hastings Street.  
Sterrett School; Miss McQuiston, Teacher.

### \$2.00 PRIZES.

- "Susie Waterproof".....Naomi White, 14 years.  
Reynolds and Homewood Avenues.  
Sterrett School; Miss McQuiston, Teacher.
- "Harvey Birch".....William Elmer Monroe, 14 years.  
21 Vine Street.  
Forbes School; Miss Anna Weis, Teacher.
- "Viola Allen".....Dora Louise Shafer, 17 years.  
1354 Vickroy Street.  
Forbes School; Miss Anna Weis, Teacher.

- "John Ruskin".....Chester H. Elliott, 12 years.  
 2102 Sidney Street, S. S.  
 Humboldt School; Miss L. A. Hawk, Teacher.
- "Jack Frost".....Frank Fellner, 13 years.  
 2 Wilmot Street.  
 Oakland School; Miss Hardie, Teacher.
- "Paul Pry".....Arthur Pardee, 14 years.  
 502 Collins Avenue.  
 Peabody School; Miss McCormick, Teacher.
- "Pale Face".....Retta Leopold, 16 years.  
 357 Princeton Place, E. E.  
 Peabody School; Miss McCormick, Teacher.
- "Martha Washington".....Annie Frank, 13 years.  
 95 Washington Street.  
 Grant School; Miss J. Treffinger, Teacher.
- "Manitou".....Margery Brown, 14 years.  
 5818 Rippey Street.  
 Peabody School; Miss McCormick, Teacher.
- "Katrina".....Kate A. Spencer, 13 years.  
 719 Amberson Avenue.  
 Osceola School; Miss V. Groessel, Teacher.

## REPORT UPON THE ESSAYS.

BY W. J. HOLLAND, *Director*.

An examination of the essays has proved interesting, and I give in tabulated form some of the results which such examination brings to light.

### NUMBER OF ESSAYS.

|                           |       |
|---------------------------|-------|
| 1st Year High School..... | 28    |
| 2nd Year High School..... | 37    |
| 3rd Year High School..... | 13    |
| 4th Year High School..... | 26    |
|                           | — 104 |
| Step Fourteen .....       | 152   |
| Step Thirteen .....       | 145   |
| Total .....               | 401   |

### SEX OF WRITERS.

|                          |     |            |     |
|--------------------------|-----|------------|-----|
| High School, Boys.....   | 32  | Girls..... | 72  |
| Step Fourteen, Boys..... | 69  | Girls..... | 83  |
| Step Thirteen, Boys..... | 55  | Girls..... | 90  |
| Total. Boys.....         | 156 | Girls..... | 245 |

# ESSAYS CLASSIFIED AS TO SOURCE.

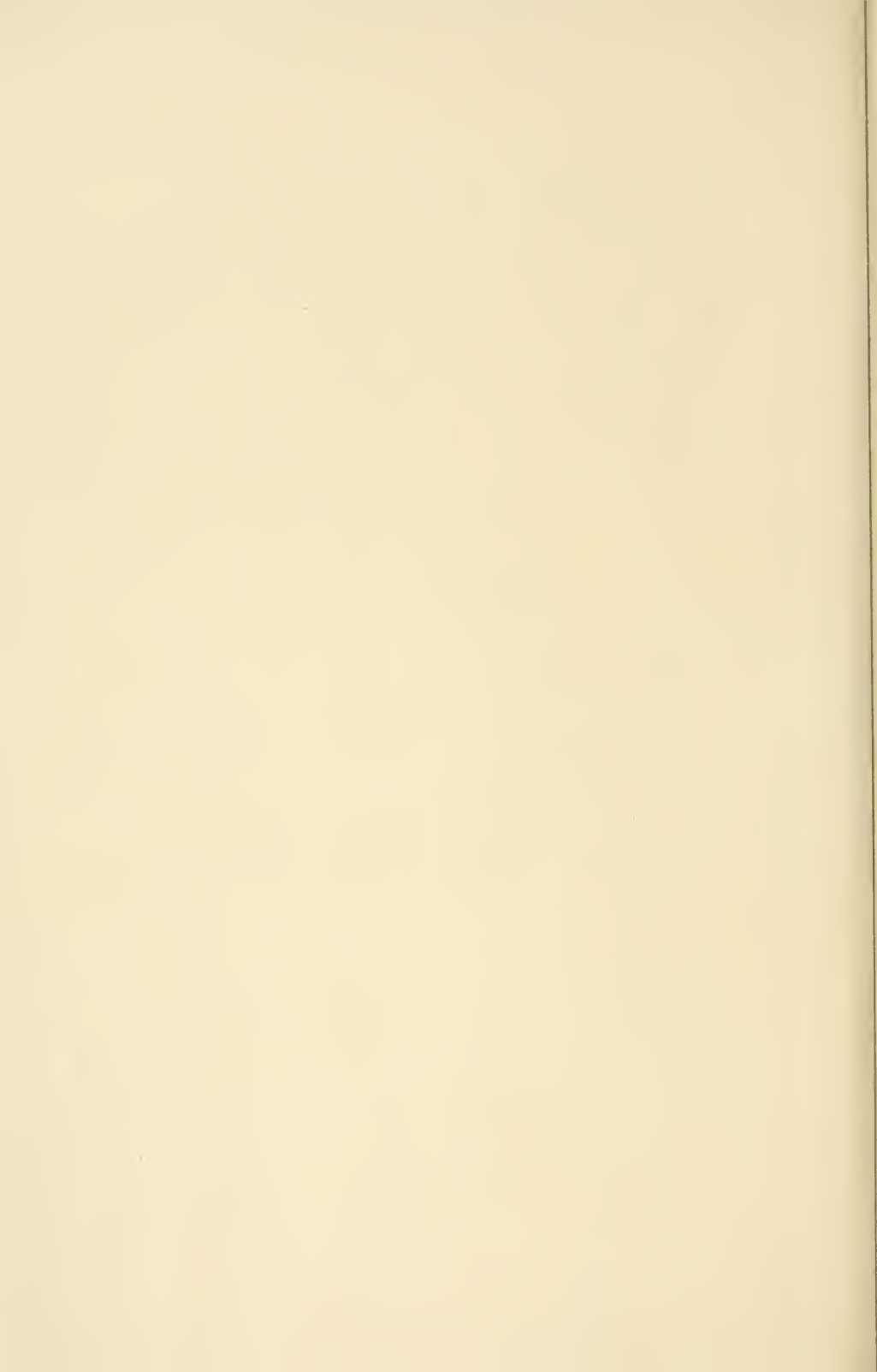
|                                   |     |
|-----------------------------------|-----|
| 1. Fifth Avenue High School ..... | 23  |
| 2. Central High School.....       | 29  |
| 3. South Side High School.....    | 22  |
| 4. Sterrett School .....          | 52  |
| 5. Mt. Washington School .....    | 51  |
| 6. Luckey School No. 2.....       | 25  |
| 7. Garfield School .....          | 24  |
| 8. Bellefield School .....        | 15  |
| 9. Forbes School .....            | 13  |
| 10. Grant School .....            | 12  |
| 11. Humboldt School .....         | 11  |
| 12. Moorhead School .....         | 10  |
| 13. Birmingham School .....       | 10  |
| 14. Oakland School .....          | 9   |
| 15. Hiland School .....           | 8   |
| 16. Peabody School .....          | 8   |
| 17. Wickersham School .....       | 6   |
| 18. Osceola School .....          | 6   |
| 19. Fulton School .....           | 5   |
| 20. Allen School .....            | 5   |
| 21. Washington School No. 1.....  | 4   |
| 22. Woolslair School .....        | 4   |
| 23. Thad. Stevens School .....    | 3   |
| 24. Lincoln School .....          | 3   |
| 25. Washington School No. 2.....  | 2   |
| 26. Brashear School .....         | 2   |
| 27. Brushston School .....        | 2   |
| 28. Luckey School No. 1.....      | 1   |
| 29. Liberty School .....          | 1   |
| 30. Hancock School .....          | 1   |
| 31. Franklin School .....         | 1   |
| 32. Peebles School .....          | 1   |
| 33. Morse School .....            | 1   |
| 34. North School .....            | 1   |
| Total .....                       | 401 |

Objects, or Groups of Objects, written upon, and the number of writers who selected these objects as subjects for composition.

|  |     |   |    |
|--|-----|---|----|
| Indian Groups .....                          | 173 | Lions .....                             | 45 |
| Flamingoes .....                             | 120 | Models of Homes of Cliff Dwellers ..... | 43 |
| Mummies .....                                | 91  | Gorilla .....                           | 42 |
| Camel Group .....                            | 86  | Oriole Group .....                      | 42 |
| Mastodon .....                               | 64  | Spanish Torpedo .....                   | 39 |
| Robin Group .....                            | 59  | Condor Group .....                      | 38 |
| Transportation Exhibit .....                 | 51  | Corals .....                            | 38 |
| Group of dog, "Count Noble," and quail ..... | 47  | Woodchuck Group .....                   | 37 |



A Sioux Counsellor. Modeled by T. A. Mills.





|  |    |  |   |
|--|----|--|---|
| Ostrich .....  | 34 | Snakes .....   | 6 |
| Meteorites .....   | 34 | Quartz .....   | 6 |
| Eagles .....   | 32 | Stone from the Temple at Jeru-<br>salem .....        | 6 |
| Model of Esquimau in boat...                                   | 25 | Manikin of man .....                                 | 5 |
| Cork Exhibit .....   | 23 | Keyboard of Handel's Organ.                          | 5 |
| Butterflies .....  | 21 | Giant Squid .....                                    | 5 |
| Albino Bear .....  | 21 | Collection of Fishes.....                            | 5 |
| Sponges .....  | 21 | Iron Ores .....                                      | 5 |
| Nuggets of Gold .....  | 16 | Exhibit of Century Company..                         | 5 |
| Asbestos .....   | 15 | Models of Canal Boats.....                           | 4 |
| Model of Rosetta Stone.....                                    | 15 | Bluebirds .....                                      | 4 |
| Birds of Paradise .....  | 15 | Group of Cinnamon Teal....                           | 4 |
| Shrikes .....  | 14 | Glyptodon .....                                      | 4 |
| Woodcocks .....  | 14 | Nautilus .....                                       | 4 |
| Wyoming Fossils .....  | 14 | Exhibit of Pig Iron.....                             | 3 |
| The African Fire-makers....                                    | 14 | Occlot .....   | 3 |
| Relief Map of Vesuvius. ....                                   | 13 | Anatomical Model of Horse..                          | 3 |
| Warbler Groups .....   | 13 | Amber .....  | 3 |
| Group of Cherry-birds.....                                     | 13 | Mineral Collection .....                             | 3 |
| Indian Canoe .....   | 11 | Botanical Models .....                               | 3 |
| Beaver .....   | 11 | Hummingbirds .....                                   | 3 |
| Ourang-Outang .....  | 11 | Anatomical Models .....                              | 3 |
| Megatherium .....  | 11 | Ancient Vase from Alhambra..                         | 3 |
| Model of Montezuma's Well..                                    | 11 | Relief Map of Floor of the At-<br>lantic Ocean ..... | 3 |
| Octopus .....  | 11 | Kingfishers .....                                    | 3 |
| Irish Elk .....  | 11 | Parrots .....  | 3 |
| Cast of Moabite Stone .....                                    | 11 | Old Piano .....                                      | 2 |
| Cast of Black Obelisk of Shal-<br>manesar .....                | 10 | Hawks .....  | 2 |
| Exhibit of McKees Rocks In-<br>dian Mound .....                | 10 | Opals .....  | 2 |
| Old Map of Virginia.....                                       | 9  | Starfishes .....                                     | 2 |
| Section of Old Portage Road..                                  | 9  | Revolutionary Relics .....                           | 2 |
| Skeleton of African Buffalo...                                 | 9  | Photograph of President Lin-<br>coln's car .....     | 2 |
| Anatomical Model of Bee....                                    | 8  | Process of Lithography .....                         | 2 |
| Stalactites .....  | 8  | Hive Bees .....                                      | 2 |
| Alligators .....   | 8  | Collection of Swords .....                           | 2 |
| Brass Cannon .....   | 8  | Collection of fire-arms.....                         | 2 |
| Model of Taj Mahal .....                                       | 8  | Granite .....  | 2 |
| Collection of Birds of Pennsylv-<br>ania .....                 | 8  | Zinc Silicate .....                                  | 2 |
| Frogs .....  | 7  | Relief Map of Yosemite.....                          | 2 |
| Coal Fossils .....   | 7  | Aluminum .....                                       | 2 |
| Ancient Armor .....  | 7  | Petroleum .....                                      | 2 |
| Owls .....   | 7  | Copper .....   | 2 |
| Exhibit illustrating the manu-<br>facture of pearl buttons.... | 7  | Jellyfish .....                                      | 2 |
| Peacocks .....   | 7  | Shells .....   | 2 |
| Relics from Gettysburg.....                                    | 6  | Collection of Marbles.....                           | 2 |
| Pelicans .....   | 6  | Cast of foot of Chinese lady..                       | 2 |
|  |    | Relics of Spanish War.....                           | 2 |

|                              |   |                              |   |
|------------------------------|---|------------------------------|---|
| Exhibit of Steel Rails.....  | 2 | Development of Chick.....    | 1 |
| Egyptian Pottery .....       | 2 | Invertebrate Fossils .....   | 1 |
| Process of Minting Coins.... | 2 | Skeleton of Man .....        | 1 |
| Collection of Coins.....     | 2 | The Human Skull .....        | 1 |
| Esquimau Sledge .....        | 2 | Model of Brain .....         | 1 |
| Glacial Rocks .....          | 2 | Model of Eyes .....          | 1 |
| Great Blue Heron .....       | 2 | Model of Ear .....           | 1 |
| Skeleton of Tiger .....      | 2 | Indian Weapons .....         | 1 |
| Cast of Skeleton of Mentone  |   | Harpoon .....                | 1 |
| Man .....                    | 2 | Esquimau walking-stick ..... | 1 |
| Anatomical Model of Viper..  | 2 | Thrush .....                 | 1 |
| Indian Baskets .....         | 2 | Sigillaria .....             | 1 |
| Graphite .....               | 2 | Roman Amphora .....          | 1 |
| Swallows .....               | 2 | Dinoceras .....              | 1 |
| Anatomical model of Silkworm | 2 | Glass-sponge .....           | 1 |
| Agates.....                  | 2 | Exhibit of Models of Arm and |   |
| Red-headed Woodpecker ....   | 2 | Hand .....                   | 1 |
| Harvesting Machines .....    | 2 | Elephas ganesa .....         | 1 |
| Exhibit of Grains .....      | 1 | Sable .....                  | 1 |
| Skeletons .....              | 1 | Song-Thrush .....            | 1 |
| Relief Maps .....            | 1 | Sulphur .....                | 1 |
| Sloth .....                  | 1 | Cassava Meal .....           | 1 |
| Relief Map of Mt. Blanc..... | 1 | Bats .....                   | 1 |
| Lark .....                   | 1 | Skunk .....                  | 1 |
| American Flags .....         | 1 | Crinoid Fossil .....         | 1 |
| Bushman of Australia.....    | 1 | Plan of Statue for Robert    |   |
| Skeleton of Cow.....         | 1 | Burns .....                  | 1 |
| Tarpon .....                 | 1 | Indian Pottery .....         | 1 |
| Redbird .....                | 1 | Redstart .....               | 1 |
| Pheasants .....              | 1 | Solder .....                 | 1 |
| Japanese Swords .....        | 1 | Straw Hat .....              | 1 |
| Birds' Eggs .....            | 1 | Mockingbird .....            | 1 |
| Silver .....                 | 1 | Whalebone .....              | 1 |
| Tin .....                    | 1 | Bobolink .....               | 1 |
| Lead .....                   | 1 | Purple Martins .....         | 1 |
| Archæopteryx .....           | 1 | Moths .....                  | 1 |
| Diamond .....                | 1 | Blackbird .....              | 1 |
| Flints .....                 | 1 | Prairie Hen .....            | 1 |
| Paints .....                 | 1 | Ivory .....                  | 1 |
| Mammal Exhibit .....         | 1 | Opossum .....                | 1 |
| Economic Exhibit .....       | 1 | Garnet .....                 | 1 |
| Mackinac Blockhouse .....    | 1 | Spanish Bullets .....        | 1 |
| Rattlesnake .....            | 1 | U. S. Projectiles .....      | 1 |
| Red-winged Blackbird .....   | 1 | Squirrels .....              | 1 |
| Porcelain .....              | 1 | Exhibit of Teeth.....        | 1 |
| Kali .....                   | 1 | Swan .....                   | 1 |
| Chinese Harp .....           | 1 | Muscovite .....              | 1 |
| Glass .....                  | 1 | Oolite .....                 | 1 |
| Mauser Rifle .....           | 1 | Wilson's Phalarope .....     | 1 |

|                           |   |                               |   |
|---------------------------|---|-------------------------------|---|
| Fractional Currency ..... | 1 | Syrian Coffee-cup .....       | 1 |
| Sparrows .....            | 1 | Egyptian Antiquities .....    | 1 |
| Porcupine .....           | 1 | Muricidæ (Group of Shells)..  | 1 |
| Gypsum .....              | 1 | Impeyan Pheasant .....        | 1 |
| Geococcyx .....           | 1 | Skulls of Different Races.... | 1 |
| Apteryx .....             | 1 | Hindustan Jewel-boxes .....   | 1 |
| Blue Jay .....            | 1 |                               |   |

The essayists, as may be seen from the foregoing table, touched in their papers two hundred and twenty different objects or groups of objects. Those which were most frequently the subject of composition are either large and striking groups, or collections which as a whole arrest the eye. The large assemblage of costumed figures representing the various Indian tribes appeared to possess the highest degree of attractiveness, followed by the group of flamingoes. A singular fact is the apparent interest manifested in the collection of Egyptian mummies. The antiquity and historical interest of these objects does not appear to have been so much the cause of interest in them as the fact that the juvenile mind found itself in the presence of that which vividly suggested human mortality. The gruesome character of the display apparently rivets attention. That there were a considerable number of young people who carefully went over the collections, giving them more or less attention, is revealed by the large number who in their essays selected objects which were small, or apparently obscure, which they singled out from separate cases. An examination of the essays shows that, as might be expected, the boys in choosing their subjects more frequently wrote upon those which had relation to sport, war,, and business activities. The girls, so far as a rough estimate can be formed, were more interested in the various collections of birds and objects of an historical significance.

No conclusions of a psychological character can, however, be based upon so limited an induction as is afforded from the examination of these four hundred essays.

## NAMES OF THE CONTESTANTS.

### HIGH SCHOOL.

#### FOURTH YEAR.

##### CENTRAL.

"A. H. Vance," Richard W. Martin, 17 years, 905 Wylie Avenue.

"Betsey," Harriet Templeton Duff, 18 years, 4502 Fifth Avenue.

"Catamandaledus," J. Garfield Houston, 18 years, 339 Pacific Avenue.  
"Josiah Bounderby," Orville Flister, 16 years, 503 Winfield Street.  
"Laddie," Norman D. McCutcheon, 17 years, 608 East End Avenue.  
"Quen Mab," Mabel Elizabeth Morrow, 17 years, 920 Gerritt Street, E. E.  
"Sue Vannear," Stella G. Smith, 17 years, 159 Auburn Street, E. E.  
"Virginia," May Corry, 16 years, 5406 Carnegie Street.

#### FIFTH AVENUE.

"Amigo," Myrtle Brown, 18 years, 6823 Kelly Street.  
"Andrew Eigenrac," Genevieve Dick, 18 years, 5115 Liberty Avenue.  
"Bamice," Bertha M. Cooper, 18 years, 198 S. Euclid Avenue.  
"Betsey Ross," Dell Vaughan, 18 years, 118 Wabash Street.  
"Cepa," Claudia Pontius, 17 years, 3366 Vesper Street.  
"Chole," Carrie Hartmann, 14 years, Leamington Avenue.  
"Cigel Elsket," Celia G. Tiegel, 18 years, Grandview Avenue.  
"D. E. W.," Anna Williamson, 19 years, 22 Arbor Street, E. E.  
"Eimam," Mamie Yoder, 17 years, 227 Atwood Street.  
"Man," M. A. Neale, 18 years, 1323 Sycamore Street.  
"Moland," Mabel L. Davis, 17 years, 142 43d Street.  
"Nelly Bly," Eleanor Berg, 188 Arlington Avenue.  
"Sphinx," Eva J. Martin, 18 years, 5927 Harvard Street.  
"Zelienople," Zelma Long, 18 years, 111 Beltzhoover Avenue.

#### THIRD YEAR.

##### CENTRAL.

"Ben Hur," Max Henrici, 15 years, 317 Shetland Street.  
"d'Or," Edward McKee Golden, 18 years, 6 Whitney Terrace.  
"Johnny," Florence D. Johns.  
"Sherlock Holmes," John S. Potter, 17 years, 2163 Bedford Avenue.

#### FIFTH AVENUE.

"Flying Dutchman," May C. Ryan, 17 years, 614 Bellefonte Street.  
"I scalped a Caw Indian," Margaret Vockel, 16 years, 33 Maple Avenue.  
"Maggie Watson," Annie Giltrap, 20 years, 4515 Butler Street.  
"Nawicka," Catherine D. Barr, 19 years, 618 Hastings Street.

#### SOUTH SIDE.

"Frederic Marston," Arthur R. Harmany, 16 years, 2317 Sydney Street,  
S. S.  
"Prince Phtah-hotep," Ira G. Greaves, 15 years, 2716 Quincy Street.

#### SECOND YEAR.

##### CENTRAL.

"A. L. O. B.," Ellis Mills Frost, 16 years, Winthrop Street.  
"Duke Theseus of Athens," Thomas H. Bard, 17 years, 217 Craig Street.  
"Harry Ward," Max Haupt, 16 years, 911 Fifth Avenue.  
"Layton Wrymouth," Leighton H. Campbell, Friendship Street.  
"Marmion," John Todd, 15 years, 35 Marion Street.

- "Parsifal," Robert F. Foerster, 16 years, 4213 Fifth Avenue.  
 "Peter Quince," James P. Fisher, 17 years, 534 Winfield Street.  
 "Topy Jane," Ethel Gray, 2014 Carson Street.

#### FIFTH AVENUE.

- "Bee Willet," Florence M. Schmidt, 15 years, 1072 Brownsville.  
 "Caleb West," Lucy Gannon, 16 years, 3412 Melwood Street.  
 "Daisy," Julia A. Shourek, 16 years, 6929 Susquehanna Street.  
 "Daisy," May S. Stark, 16 years, 204 Mathilda Street.  
 "David Copperfield," Laura Hammer, 17 years, 400 Rebecca Street.  
 "Excelsior," Melzena H. Proudfit, 15 years, 5876 Ellsworth Avenue.  
 "Gustav Gутtenberg," Grace N. Dodds, 16 years, 6229 Station Street.  
 "Huldah," Mary Elizabeth Summer, 14 years, 5517 Hays Street.  
 "John Quincy Adams," Alice M. Gledhill, 16 years, 3470 Ligonier Street.  
 "M. Ed. Allion," Cora Schade, 16 years, 4060 Howley Avenue.  
 "Margaret Taylor," Annie Haigh, 16 years, 6206 Bond Street.  
 "Minerva," Minnie Agnes Wright, 612 N. Rebecca Street.  
 "Miss Query," Viola Rees, 16 years, 209 Erin Street.  
 "Pansy," Mary E. Shafer, 14 years, 5151 Kincaid Street.  
 "Pauline Rivers," Christina Johnston, 18 years, 128 Woodville Avenue.  
 "Penelope," Mary H. Lloyd, 16 years, 1039 Kelly Street.  
 "Robin Adair," Ethel C. Zahn, 15 years, 304 Brushton Avenue.  
 "Rosebud," Jane Nelson Little, 16 years, 6316 Bond Street.  
 "Seal Jay," Clara Juergens, 15 years, 4622 Liberty Avenue.  
 "Violet," Emma Notz, Biddle Avenue.

#### SOUTH SIDE.

- "Alice Cary," Morella C. Smith, 15 years, 69 Allen Avenue.  
 "Anthony Wayne," Edward A. Evans, 16 years, East Arlington Avenue.  
 "Betsy Ross," Stella M. Husak, 17 years, Arlington Avenue.  
 "Fredericka," Mayre Frederick, 34 Sylvania Street.  
 "Retlaw Nagrom," Walter Morgan, 20 years, 2304 Carey Alley.  
 "Van Be," H. Margaret Beran, 2417 Malakoff Street.

#### FIRST YEAR.

#### CENTRAL.

- "Mayor Diehl," Walter F. Dodds, 14 years, 6229 Station Street, E. E.  
 "Miss Reifer"—Barthelmes, 14 years, 6407 Dean Street.  
 "Ptolemy Epiphanes," Alex. P. Lindsay, 15 years, 359 Stratford Avenue.

#### FIFTH AVENUE.

- "Betsy Ross," Dakota M. Knorr, 16 years, Bennett Street.  
 "Cinderella," Marie McCloskey, 16 years, 1939 2d Avenue.  
 "Dame Van Winkle," Martha Glaser, 15 years, Gloster Street, Glenwood.  
 "Ellison Trevor," Mary Douglass Drumm, 15 years, 245 Pacific Avenue.  
 "Hazen Dewey," Rhea C. Chase, 16 years, 405 Collins Avenue.  
 "Maud Muller," Hazel E. Miller, 14 years, 4217 Mifflin Street.  
 "Polly Oliver," Margaret Jane Bell, 17 years, Lamont Street.

- "Priscilla Alden," Ethel Kettler Ross, 14 years, 6 Point View Avenue.  
 "Tom Doolittle."  
 "Topsy," Stella Griffith, 14 years, 4219 Main Street.  
 "Virginia Dare," Lillian Marshall, 16 years, 78 Van Braam Street.

#### SOUTH SIDE.

- "Captain Nemo," Frank L. McGibbeny, 15 years, 2011 Carey Alley, S. S.  
 "Father Pitt," Stewart M. Vockel, 14 years, 2023 S. Jane Street.  
 "Helen Wells," Lorine Schlernitzauer, 13 years, 109 Maple Avenue.  
 "Hope A. Effort," Adelaide Hunter, 15 years, 25 Maple Avenue.  
 "Irene Johnston," Grace A. Hershberger, 16 years, 188 Main Street, W. E.  
 "Joseph S. Carnegie," Charles A. Kim, 15 years, 79 Allen Avenue.  
 "Ludwig von Beethoven," George F. Gundelfinger, 16 years, 136 S. Main Street, W. E.  
 "Marie Watson," Lillian McCullough, 15 years, 606 Omalia Street.  
 "Martha Washington," Frida Lorch, 14 years, 139 S. 17th Street.  
 "Observer," Harry Fisher, 15 years, 2305 Sidney Street, S. S.  
 "Olga Legrand," Amy Swinbank, 14 years, 42 Wyoming Street.  
 "Patrick Nestor," Thomas Abreyar, 14 years, 2805 Norcums Alley, S. S.  
 "Udora," Florence Wayman, 14 years, 34 Bertha Street.

#### STEP FOURTEEN.

##### BELLEFIELD SCHOOL—Miss Baird, Teacher.

- "Archaeon," Clair Daggette, 13 years, 400 S. Craig Street.  
 "Betsey," Alice Salisbury, 14 years, Alliquippa Street.  
 "Hazel Kirk," Bessie Morris, 14 years, Lawn and Hamlet Streets.  
 "Hope Benham," Madoline Faeder, 12 years, 22 Mawhinney Street.  
 "Mignonette," Bertha Schwan, 14 years, 32 Mawhinney Street.  
 "Patrick Henry," Carleton Ler Bush, 14 years, 3900 Forbes Street.  
 "Priscilla Alden," Marie Pitfield, 16 years, Terrace Street, Oakland.  
 "Robin Hood," Paul T. Johns, 13 years, Bouquet, near Semple Street.  
 "Virginia Dare," Margie Hays, 15 years, 151 N. Craig Street.  
 "William Pitt," Clinton W. Kneff, 15 years, 37 N. Oakland Square.

##### BIRMINGHAM SCHOOL.

- "Cinderella," Florence Glasser, 13 years, 169 S. 16th Street.  
 "Dolly Madison," Edith Hammett, 13 years, 45 S. 13th Street.  
 "Dorothy Fairfax," Marie Rudel, 15 years, 9 Diamond Place, S. S.  
 "Joan of Arc," Eilo Cross, 14 years, 64 Sylvania Street.  
 "Nancy Hawks," Bessie Webb, 13 years, 119 S. 13th Street.  
 "Oom Karl," Carl Nagel, 15 years, 163 S. 16th Street.  
 "Pat Brown," Alfie McVay, 14 years, 106 S. 17th Street.  
 "Virginia Dare," Petronella Roehn, 13 years, 35 Uxor Alley.

##### BRASHEAR SCHOOL—Miss Floyd, Teacher.

- "Miss Hill Top," Annie Digelman, 14 years, Sterling Street.  
 "Tommy Shakespeare," Griffith Lloyd, 13 years, 2708 Shelly Street.



FORBES SCHOOL—Miss A. McKinley, Teacher.

"Betsy Ross," Katie Kober, 14 years, 1 Reed Street.

"Jay Bee," Thomas Taylor Reed, 14 years, 300 Miltenberger Street.

"Martha Washington," Johanna L. Scheuncman, 14 years, 43 Lombard Street.

"Nemo," Henry Voellger, 17 years, 1617 Fifth Avenue.

"Wm. A. Stone," Alex. W. Springer, 16 years, 1343 Bluff Street.

"Paul Jones," Winfield Anderson, 16 years, 1009 Bluff Street.

FRANKLIN SCHOOL—Miss M. J. McCracken, Teacher.

"Whiteinch," Wm. J. McAllister, 14 years, 20 Ledlie Street.

FULTON SCHOOL—Miss Jillson, Teacher.

"Diana Melbourne," Ruth Sheppard, 15 years, 903 St. Clair Street.

"Eidyl," Lucy Koethen, 14 years, 5524 Station Avenue.

"Mary Primrose," Grace G. Clayland, 14 years, 5614 Wellesley Avenue.

"Retlaw," Waldie Koethen, 13 years, 5524 Station Avenue.

GARFIELD SCHOOL—Miss J. G. McGonigle, Teacher.

"George Washington," John Killeen, 11 years, 5205 Rosetta Street.

"Little Jim," John H. Mellors, Jr., 14 years, 212 S. Evaline Street.

"Miss Miles," Emily Jones, 11 years, 5105 Dauphin Street.

"Mr. H. Du Barry," Edward Gabriel Du Barry, 532 Penn Avenue.

"Queen Victoria," Stella Schiffer, 12 years, 4925 Rosetta Street.

"Red Man," John Sidney Dunn, 14 years, 208 Winebiddle Avenue.

GRANT SCHOOL—Miss Murry, Teacher.

"Sylvania Americus Thryfena," Leona Prall, 14 years, 5 Montour Way.

HANCOCK SCHOOL.

"Mossesed Krauting," Louis Fredland, 15 years, 1426<sup>1</sup>/<sub>2</sub> Fifth Avenue.

HILAND SCHOOL—Miss Storey, Teacher.

"Hannah Selwyn," Mamie A. Daeumer, 14 years, 209 Auburn Street.

"Harriet McKee," Achsah Ellis, 13 years, 5716 Rippey Street.

"Jane G. Holland," Eva Mattern, 15 years, 6224 Station Street.

HUMBOLDT SCHOOL—Miss M. E. Lauffer, Teacher.

"An Odd Boy," Bryce E. Blackley, 15 years, Munhall, Pa.

"Artemas Ward," Fred Lissfeldt, 13 years, 133 20th Street.

"Barbara Fletcher," Elsie Pearl Shields, 14 years, 1908 Larkins Alley.

"Billy Mud," Paul Kirchner, 14 years, 1914 Sarah Street, S. S.

"Frances Willard," Myrtle Russell, 15 years, 2318 Sidney Street, S. S.

"Helen Gould," May Rudel Baxmyer, 14 years, Southern Avenue.

"Margaret Carnegie," Nellie Gray, 14 years, 2014 Carson St.

LARIMER SCHOOL—Miss Little, Teacher.

"Ruth Delaney," Mary Campbell, 11 years, 609 Lincoln Avenue.

LIBERTY SCHOOL—Miss Anderson, Teacher.

"Klondike," Roy R. Ringer, 16 years, 6364 Shakespear, Street.

LUCKEY SCHOOL NO. 2—Miss E. Arbogast, Teacher.

"A Daughter of the Civil War," Jane Hood, 14 years, 16 Meridan Avenue.

"Alpha-Omega," Ralph Digby, 16 years, 46 Oneida Street.

"Buck Taylor," Lee W. Gilbert, 15 years, 35 Plymouth Street.

"Burns," Edward Abbs, 14 years, 128 Plymouth Street.

"Daniel Boone," George T. Henderson, 13 years, Oneida Street.

"Dolly Madison," Mary Crowe, 15 years, Grandview Avenue.

"Evelyn," Margaret Derry, 15 years, Hallock Street.

"Fanny Crossby," Freda Waters, 14 years, 54 La Belle Street.

"General Joubert," Charles Reno, 15 years, 27 Oneida Street.

"I'll Try," Nellie Cavanaugh, 14 years, 11 Oneida Street.

"Ivanhoe," Paul Digby, 14 years, 46 Oneida Street.

"Jean d'Arc," Elsa Mayer, 14 years, 5 Plymouth Street.

"Jennie Lind," Effie Moore, 14 years, 168 Plymouth Street.

"Kenneth Osgood," Oscar Kennedy, 13 years, 156 Meridan Street.

"Leonora," Nellie Wike, 15 years, 6 Sweetbriar Street.

"Louise Alcott," Sadie Eveleth, 14 years, 312 Oncida Street.

"Mary Tower," May Hightower, 16 years, Sweetbriar Street.

"Sam Dale," Ralph Thomas, 12 years, 126 Sweetbriar Street.

"The Prophet," Adam Tritsch, 14 years, 355 Augusta Street.

"Una," Alice Cronin, 14 years, 812 Grandview Avenue.

"William Penn," Laurel Whaley, 14 years, 62 Oneida Street.

MOORHEAD SCHOOL—Miss Bishop, Teacher.

"Belle Cameron," Jeannette Macklin, 2112 Webster Avenue.

"Carrie Osborne," Mary E. McDowell, 14 years, 1829 Webster Avenue.

"La Fayette," Sam Horvitz, 14 years, 1607 Webster Avenue.

"Mildred Dinsmore," Amelia M. Skees, 14 years, 1831 Webster Avenue.

MT. WASHINGTON SCHOOL—Miss Barbara W. Reis, Teacher

"Alabama," Flora Goldenberg, 15 years, 23 Natchez Street.

"Brig. Gen. Funston," Henry Ammann, 13 years, Fetterman P. O., West Liberty.

"Carnation," Emma Rice, 13 years, Southern Avenue.

"Charlotte Bronte," Mabel Miller, 12 years, 75 Wyoming Street.

"Claudia," Lotta Heinrich, 14 years, 101 Kearsage Street.

"Columbiana," Anna Steding, 12 years, 90 Boggs Avenue.

"Demosthenes," Arthur Wayman, 12 years, 34 Bertha Street.

"Flora May," Eleanor Clouse, 14 years, 3 Gaskill Streer.

"Gen. Otis," Leslie Patterson, 12 years, 1 Gray Street.

"George Rogers Clark," Ralph Lewis, 14 years, 54 Ulysses Street.

"Goldsmith," Clyde Boger, 14 years, 150 Southern Avenue.

"Hazel Dell," Margaret Cook, 13 years, 219 Sycamore Street.

"Hon. John Wizard," Albert Edward Muhl, 13 years, 34 Starr Alley, 32d Ward.







Sioux Mother and Children. Modeled by T. A. Mills.

"Hon. Peter Stirling," John C. Morgan, 13 years, 7 Southern Avenue.  
 "Hope I. Mawin," Helen Johnson, 13 years, Southern Avenue.  
 "Jean of Arc," May Winsinger, 13 years, Crown and Hall Streets.  
 "John Knox," Edgar McClelland, 12 years, 133 Merrimac Street.  
 "Julian Mortimer," George Howarth, 13 years, 39 Prospect Street.  
 "Maldena," Ethel Barnhart, 13 years, 45 Ruth Street.  
 "Mertle McCabe," Selina Boyce, 13 years, 6 Joel Street.  
 "Phil King," W. B. Hollis, 13 years, Norton Avenue.  
 "Richard III.," Dick Thomas, 14 years, 90 Wyoming Street.  
 "Robert Emmet," Richard Mackey, 13 years, 5 Fetzer Street.  
 "Robinson Crusoe," William Ward, 14 years, 6 Gaskel Street.  
 "Tennyson," Harvey C. Maple, 13 years, 184 Boggs Avenue.  
 "Violet," Sadie Soffel, 13 years, 16 Greenbush Street.

PEABODY SCHOOL—Miss Storey, Teacher.

"Bessie Burr," Agnes Gilson, 13 years, 313 Beatty Street.  
 "Earle Dabney," Edna Pobham," 16 years, Chislett Street.

STERRETT SCHOOL—Miss McMillen, Teacher.

"Alberta Hazlett," Geneva Ink, 15 years, 222 Lang Avenue.  
 "Annabel Lee," Mabel Watts, 14 years, 339 Savannah Avenue.  
 "Betsey Baker," Edna Inez Sherman, 16 years, Edgerton Avenue, Park Place.  
 "Billy Hamilton," Donald C. Stevenson, 15 years, Lang Avenue and Thomas Street.  
 "Dolly Madison," Gertrude King, 14 years, 79 Wheeler Street.  
 "Dorothy," Adaline Kane, 16 years, 630 Peebles Street.  
 "George Dewey," William Maloney, 16 years, Penn and Lexington Avenues.  
 "Grace Goodwin," Edith Steffler, 12 years, Juniata and Hastings Streets.  
 "Howard K. Warner," Fred Otte, Jr., 15 years, 126 N. Linden Avenue.  
 "Huckleberry Finn," Will Collin, 12 years, 6825 McPherson Street.  
 "Ichabod Crane," Walter B. Orr, 13 years, East End Hotel, Penn Avenue.  
 "Lady Lenoria," Olive Miller, 17 years, Lyman and Peebles Streets.  
 "Peter Whipsaw," Edward M. Porter, 14 years, 5819 Rural Avenue.  
 "Rene de Vaux," Robert Crum, 16 years, 5 Lyman Avenue.  
 "Rupert of Hentzau," Harry A. Lyman, 14 years, 5816 Fifth Avenue.  
 "Thomas Lowell," Harry Teeters, 16 years, 31 Hastings Street.  
 "Tom Sawyer," Harold Foster, 18 years, 6800 Simen Avenue.  
 "Tottie Carr," Gertrude Hebrank, 16 years, 525 Franklin Avenue.  
 "Stowboy," Rees T. Scully, 15 years, 201 Lexington Avenue, E. E.

THADDEUS STEVENS SCHOOL—Miss Mary Rodgers, Teacher.

"Blanche E. Weppner," Mercedes Reed, 13 years, 38 Wabash Avenue, W. E.  
 "Nancy Hanks," Elsie Vaughan, 16 years, 118 Wabash Street.

WASHINGTON SCHOOL NO. 1—Miss M. E. Graham, Teacher.

"John Clark," J. West McVicker, 14 years, 142 44th Street.

WASHINGTON SCHOOL NO. 2—Mrs. Burt, Teacher.

"Charles Edward," Charles K. Gardner, 13 years, 4510 Calvin Street.  
"Nojoke Marsh," Leslie Barton, 15 years, 272 Fisk Street.

WICKERSHAM SCHOOL—Miss May E. Wightman, Teacher.

"Evening Star," Eliza Stewart, 14 years, 2705 Oakley Alley.  
"Evening Twilight," Ella Tremellen, 14 years, 3225 Wampum Street.  
"Little King," Louis Koenig, 14 years, 28 30th Street.  
"Pearl Valley," Margaret Dales, 15 years, 3224 McClurg Street.  
"Wild Willow," William Wilkinson, 16 years, 43 29th Street.

WOOLSLAIR SCHOOL—Miss Pickhardt, Teacher.

"Megga," Ella Lyons, 14 years.  
"Amethyst," Cora Belle King, 15 years, Enfield Street.

### STEP THIRTEEN.

ALLEN SCHOOL—Miss Finney, Teacher.

"Alpa," Mattie Simpson, 13 years, 14 Maple Avenue.  
"Daisy Bell," Edna May Baumann, 12 years, 44 Washington Avenue.  
"Forget-me-not," Olive Roehling, 12 years, 86 Climax Street.  
"Lily of the Valley," Amelia Heinrich, 12 years, 22 Beltzhoover Avenue.  
"Violet," Ida Wheeler, 12 years, 78 Lillian Street.

BELLEFIELD SCHOOL—Miss Hill, Teacher.

"Amri," Irma B. Bixler, 13 years, 223 Coltart Square.  
"Sir Arthur Wellesly," Clifford E. Ter Bush, 12 years.  
"John Bull Kruger, Jr.," James O. Challinor, 12 years.  
"King George III.," David Challinor, 13 years.  
"The Absent-minded Beggar," Gertrude Flanagan, 16 years, 215 Bouquet Street.

BIRMINGHAM SCHOOL—Miss Sellers, Teacher.

"Evelyn Goldsmith," Gertrude Billett, 14 years, 1721 Sarah Street.  
"Robin Hood," James K. Verner, 14 years, 89 South 14th Street.

BRUSHTON SCHOOL—Miss Conover, Teacher.

"Ephemia Martin," Lennie May Jennings, 12 years, Mt. Vernon Street.  
"Louise A. Strong," Oliver Corbett, 15 years, Madeira Street.

FORBES SCHOOL—Miss Weis, Teacher.

"A Scotch Girl," Amelia Lamb Miller, 15 years, 59 Marion Street.  
"B. Quick," Joseph Rosenblatt, 14 years, 35 Roberts Street.  
"Cracker Jack," Gus McCandless Stewart, 13 years, 54 Miller Street.  
"Mr. Dooley," Walter Williams, 13 years, 1832 5th Avenue.

FULTON SCHOOL—Miss Jillson, Teacher.

"David Harum," Henry Armstrong, 13 years, 6029 Stanton Avenue.

GARFIELD SCHOOL.—Miss Neeper, Teacher.

- "Alice Amber," Ida May Behringer, 13 years, Rosetta, near Vista Street.  
"Betsy Hall," Ernestine Schaefer, 11 years, 5333 Dauphin Street.  
"Chrysanthemum," Amelia M. Ruelle, 14 years, 5177 Dearborn Street.  
"George Hadden Rolls," William R. Gardner, 13 years, 130 Edmond Street.  
"George Jackson," Howard Penaywell, 15 years, 5165 Rosetta Street.  
"George Washington," Fred Bishop, 11 years, 5171 Breedshill Street.  
"George Washington," Paul H. Tutt, 14 years, Evaline and Dauphin Streets.  
"Grace Darling," Susan Dickey, 13 years, 4907 Dauphin Street.  
"Henrietta Sheff," Myrtle Ivory, 14 years, 5159 Margaretta Street.  
"John Thomas Motley," John Thomas Messer, 16 years, 217 Rebecca Street.  
"Little Eva," Margaret Brophy, 5304 Penn Avenue.  
"Martha Washington," Martha Billingham, 13 years, 509 Wicklow Street.  
"Old Hickory," Plummer Stalker, 13 years, Evaline and Dauphin Streets.  
"Pansy Blossom," Augusta Helena Porr, 12 years, 5021 Rosetta Street.  
"Pauline Jones," Beatrice May Mellors, 13 years, 112 S. Evaline Street.  
"Rex," Gertrude Melaney, 14 years, 5341 Dauphin Street.  
"Ruth Rose," Mathilda Reid, 14 years, 315 Mathilda Street.  
"Straight Harry," Harry Shapera, 11 years, 4914 Dauphin Street.

GRANT SCHOOL.—Miss J. Treffinger, Teacher.

- "Crazy Horse," Thomas Lindsey, 16 years, Walker's Mills, Pa.  
"Deliera von Stera," Rose Wolkowsky, 12 years, 211 Dinwiddie Street.  
"Garibaldi Muskrush," Annie Friedland, 13 years, 1426 Fifth Avenue.  
"Knowsittall," Frank Schwartz, 14 years, 69 Chatham Street.  
"Maxine Almeric Nordica," Pauline Loos, 12 years, 439 Sixth Avenue.  
"Queen Wilhelmina," Beckie Schugar, 12 years, 17 Webster Avenue.  
"Raphela," Marie Floyd, 13 years, Ruthven Street.  
"Violette," Lida Dalgliesh, 14 years, Castle Shannon, Pa.  
"Ying Yang Chang," David Wilkofsky, 13 years, 1311 Franklin Street.

HILAND SCHOOL.—Miss McCormack, Teacher.

- "Anne Miller," Yetta B. Black, 14 years, 208 Larimer Avenue.  
"Congo," John S. Carlile, 13 years, 5823 Rural Avenue.  
"Edith Smith," Margaret Johnston, 14 years, 5822 Harvard Street.  
"Helen Hampden," Mae Connor, 14 years, 21 Frankstown Avenue.  
"Uncle Jasper," Thomas C. McGhee, 14 years.

HUMBOLDT SCHOOL.

- "Evangeline," Blanche Sanders Bevan, 14 years, 2417 Marakoff Street.

LINCOLN SCHOOL.—Miss Butler, Teacher.

- "Montrose," Alfred Campbell, 12 years, 609 Lincoln Avenue.  
"Rose Jackson," Florence Z. Negley, 14 years, 21 Lincoln Avenue.

MOORHEAD SCHOOL—Miss Lytle, Teacher.

"James Garland," Soln. Weinthal, 14 years, 2108 Webster Avenue.

"Nevin Woodside," Charles Cooley, 13 years, 15 Wooster Street.

MOORHEAD SCHOOL—Miss Troop, Teacher.

"Anderson Hemple," Samuel Cohen, 13 years, 1706 Wylie Avenue.

"Ich Dien," Walter Clifford Graham, 11 years, 2031 Wylie Avenue.

"John Beaver," Shields Saxman, 15 years, 2126 Wylie Avenue.

"Pocahontas," Oliver Barry, 15 years, 1526 Cliff Street.

MORSE SCHOOL—Miss Johns, Teacher.

"Annie Laurie," Dorathea Pfeil, 12 years, 2525 Sarah Street.

MT. WASHINGTON SCHOOL—Miss Seed, Teacher.

"Americus," Eugene Villee, 14 years, 224 Virginia Avenue.

"Betsy Ross," Florence V. Reynolds, 15 years, 49 Halket Street.

"Carnation," Katie Gallagher, 13 years, 3 Norton Avenue.

"Cinderella," Mabel I. Markle, 13 years, 228 Boggs Avenue.

"Clair," Martha Beib, 12 years, 28 Ruth Street.

"Daisy Nelson," Lillian Parker, 14 years, 36 Albert Street.

"Dewey," Anna Doyle, 12 years, 50 Grace Street.

"George Roderal," George Oyer, 309 Boggs Avenue.

"Harriet Richmond," Jessie McCoy, 12 years, 33 Grace Street.

"Helen Grace," Lida Shaler, 13 years, 31 Bertha Street.

"Hiawatha," Mary Lutz, 14 years, 41 Natchez Street.

"Ivy," Elsie Brown, 13 years, 229 Grandview Avenue.

"Joseph Hall," John Swinbank, 12 years, 42 Wyoming Street.

"Laura Bigham," Lila B. Burrell, 13 years, 17 Stanwix Street.

"Longfellow," Arthur K. De Puy, 150 Southern Avenue.

"M. Fifi," Ida Hoffman, 12 years, 75 Maple Terrace.

"Martha Washington," Annabelle Miller, 13 years, 145 Boggs Avenue.

"Minnesota," Minnie Geib, 13 years, 3 Boggs Avenue.

"Persephone," Mary St. Peter, 14 years, 44 Cowan Street.

"Skibo," Myra Jones, 13 years, 50 Southern Avenue.

"Thomas James Shamrock," Thos. Shaughnessy, 14 years, 197 Belonda Street.

NORTH SCHOOL—Miss Lindsay, Teacher.

"Willy Reilly," William Cox, 13 years, 408 Penn Avenue.

OAKLAND SCHOOL—Miss Hardie, Teacher.

"A. W. Black," Wallace Rinehart, 12 years, 361 Meyran Avenue.

"Blue Bell," Katie Russie, 13 years, Juno and Semple Streets.

"Edith Blake," Edna Munro, 13 years, 3719 Bouquet Street.

"Jennie Lynn," Eleanor Elcessor, 11 years, 3410 Juliet Street.

"Pansy," Clara Toudy, 15 years, 3316 Ward Street.



OSCEOLA SCHOOL—Miss Graessle, Teacher.

- "Gwendoline Jones," Frances Henderson, 15 years, 221 Mathilda Street.  
"?" Lottie Elizabeth Wellens, 518 Aspen Street, E. E.  
"Martha McCalmont," Anna Haines, 12 years, 218 Mathilda Street.  
"Pocahontas Antony," Cornelia Snee Dick, 15 years, 5115 Liberty Avenue,  
E. E.  
"Princess May," Mary K. Gibson, 15 years, 4504 Center Avenue.

PEABODY SCHOOL—Miss MacCormack, Teacher.

- "Forget-me-not," Margaret McCausland, 15 years, 6030 Hoeveler Street.  
"May Love," Mame Dalzell, 6018 Hoeveler Street.

PEEBLES SCHOOL—Miss Laubie, Teacher.

- "Hazel Sharp," Ethel Browne, 12 years, 13 Mansion Street, Glenwood.

PROSPECT SCHOOL—Miss Miller, Teacher.

- "Mountain Girl," Wilhelmina Peters, 12 years, 134 Sycamore Street.

STERRETT SCHOOL—Miss McQuiston, Teacher.

- "Annie Laurie," Sarah McDonald, 13 years, 210 Braddock Avenue.  
"Bettie McKinnon," Elizabeth Foreman, 14 years, 11 Brushton Avenue.  
"Elsie Dinsmore," Mary Winter, 12 years, 34 Hasting Street.  
"Evangeline," Sallie Deem, 12 years, 7619 Waverly Street.  
"F. S. Webster," John Miller, 15 years, 6735 Reynolds Street.  
"Frank Bailly," Elmer Roberts, 14 years, Peebles and Lyman Avenues.  
"Hope," Mary Porter Everson, 14 years, 200 Homewood Avenue.  
"Jacob Withmar," Frank Neudorfer, 13 years, Kirtland Street, E. E.  
"James Randolph," Robert McKnight, 15 years, Dallas Avenue.  
"James Wilson," Stuart Goldsborough, 13 years, 1130 Murray Hill  
Avenue.  
"Lady of the Lake," Ana Skiles, 15 years, Hasting and Fair oak Streets.  
"Laurie Lawrence," William B. Hetzel, 12 years, Homewood Avenue and  
Meade Street.  
"Lillie Bell," Lillian Fleming, 14 years, 617 East End Avenue.  
"Lydia Simpson," Janet Harmount, 17 years, 125 Lang Avenue.  
"Marcus Jones," Allan Dickie, 13 years, 6853 Aurelia Street.  
"Margaret Gordon," Estelle Bennett, 15 years, Penn Avenue.  
"Margaret Montfort," Marion Aiken, 14 years, 5816 5th Avenue.  
"May Gilbert," Carrie Marshall, 14 years, Hasting Street.  
"Miles Standish," Cyril Keating, 14 years, 6716 Simon Avenue.  
"Nellie Gray," Rachel F. Denniston, 13 years, 428 Denniston Avenue.  
"Pleboner," Edith Price, 15 years, 6442 Marchand Street.  
"Porthos du Vallon," Albert Keenan, 14 years, East End and Biddle  
Avenues.  
"R. Dock," Joseph Imhoff, 14 years, 6805 Penn Avenue.  
"Rosalie Wayne," Willa E. Littell, 13 years, Peebles and Abbot Streets.  
"Thomas McGill," Charles Hartin, 15 years, Thomas and Lang Avenues.  
"V. Strong," Karl Von Senden, 13 years, Juniata Street, E. E.  
"Violetta Harger," Janie Chapman, 13 years, 7716 Juniata Street.

"Virginia Dare," Mary Hitchcock, 15 years, 305 S. Lang Avenue.  
"Voight Proctor," Harold Voight, 14 years, 7146 Meade Street.  
"Walter P. Urling," Clarence Sander, 13 years, Braddock Avenue and Penn.  
"William Penn," Raymond Keil, 13 years, 316 Fifth Avenue.

WASHINGTON SCHOOL NO. 2—Miss R. Murdoch, Teacher.

"Otto Singer," Wilbert C. Schade, 14 years, 295 Main Street.

WICKERSHAM SCHOOL—Miss Good, Teacher.

"Winter Solstice," William R. Stewart, 2705 Oakley Alley, S. S.

WOOLSLAIR SCHOOL—Miss Holman, Teacher.

"Miss Rosebud," Estella Lowrie, 13 years, 440 Cedar Street.

"Rose de la Hague," Clara Klotz, 13 years, 4736 Juniper Street.

## THE FIRST PRIZE ESSAY.

### FOURTH YEAR—PITTSBURGH HIGH SCHOOL.

#### WHAT I LEARNED FROM FIVE OBJECTS IN THE CARNEGIE LIBRARY.

##### Fragments of Creation.

"Things visible are but verses in God's wonder book;" verses of such mysterious meaning that we can grasp but small fragments of the truths they teach. Yet do not these fragments better prepare us for the full knowledge that we shall some day receive; make us better realize the power and majesty of God and the wonder of his works?

Wonderful because of its perfect fitness to the work it has to perform, the human skull becomes more wonderful when by comparison we learn how its shape is modified in the various races of men. In the skull of the negro, lowest perhaps of all the races, the low, narrow forehead, broad nose, prominent jaws, and full set of slanting teeth, mark his chief characteristics—small brain power and strong animal instincts. In the Caucasian, the best developed race the forehead is full and broad, the jaws do not protrude, and the teeth are straight, and fewer in number.

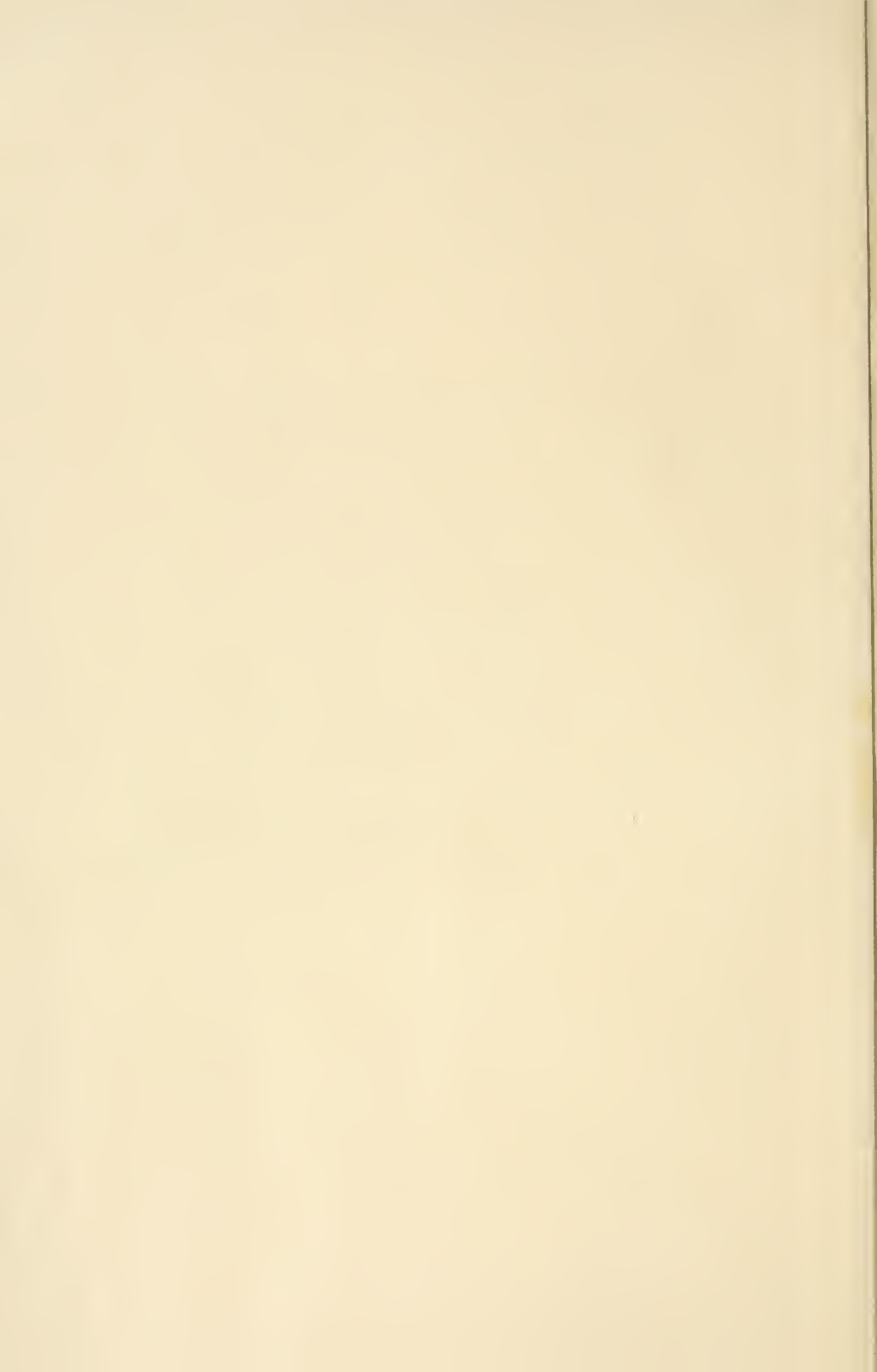
Races are classed according to the shape of the skull, and a people characterized by low, narrow foreheads is always one of poor intellect, while prominent jaws and slanting teeth show a predominance of animal nature. The Chinese we find with broad cheek-bones and rather short heads, but their teeth are not very prominent. The Indians sometimes pressed their skulls into peculiar shapes by bandages wound upon them while young. But where we find a race with broad, high foreheads, and jaws containing straight teeth, there is a race where civilization has been at work attaining a triumph of mind over the animal in man.

What a wise, tender care it must be, that provides for each creature the form best suited to its life, the kind of arm and hand that it can best use! In man, the hand, used chiefly in grasping, owes its flexibility and





The Fossil Foot of a Brontosaur.  
Discovered by the Carnegie Museum Expedition to Wyoming, August, 1899.



grace to the fact that the thumb can be so readily opposed to each finger. In the sloth, which hangs for hours, body downward, from the limb of a tree, the fingers have developed into a strong hook. The fin of the fish, with its thin, broad bones, and jointed rays, is so perfectly made for swimming that one can hardly believe it to be a modification of the arm and hand. In the bat the finger bones have become very long and slender, to support the membrane which forms a wing. The "ponderous suppleness" of the bear's motion is because of the well-developed finger bones, and the peculiar joints. The lion's springy gait is due to the shape of the bones, which allow only a part of the foot to touch the ground. In the horse one finger bone only is developed, and it forms the rounded hoof that pounds the earth so noisily.

How wonderfully is the arm adapted to every use! Could anyone question the existence of a ruling power, with such examples of care and wisdom before him?

Darting through the clear water, his scaly armor glistening in the sunlight, moves the garpike, proudest of fishes. Direct descendant of that most ancient line, the Ganoids, who lived ages before man came into being, has not this blue-blooded aristocrat a cause for his pride?

His long, compressed body, covered with enameled scales, his beak-like jaws, with many teeth, his strong gill covers, small fins, and oddly shaped tail are not all one sees upon looking at him. A link between the present and ages past, a voice from the time when ferns and fishes formed the chief life-forms of the Earth, our Garpiki speaks to us. He tells us about his early ancestors, the Ganoids, the first brained animals that appeared upon the earth. He tells us how their hard enameled scales and shark-like mouths were sorely needed against the enemies that rose. However, one by one new forms developed, and old ones vanished, while the Ganoids yet retained much of their old form. Now the race, broadly distributed once, has narrowed its limits to our western rivers and great lakes.

And above all, does he not tell us that it was God's wisdom that gave him his strong armor, his many teeth, his strength, and his power to resist his enemies and to care for himself?

A bridge over the great chasm between past and present, the Rosetta Stone led men into an undeveloped field of history, revealing the manners and customs, religion and literature of the ancient Egyptians.

Little thought that engineer under Napoleon, when he unearthed the heavy black stone, that he had opened for the world volumes hitherto unread. The thick, black slab, with its broken corners, had upon its face three inscriptions. The first, in the strange Egyptian picture-writing, with the cartouches marking the names of royalty, could not be deciphered, for as yet the Egyptian language was not understood. Neither could the second inscription be translated, for it was written in demotic, or contracted hieroglyphic writing. But the third, in Greek, was eagerly read, and from it was learned that the hieroglyphics were but a version of the Greek text—a proclamation of divine honors to the "god Epiphanes," the fifth Ptolemy, who lived about two hundred years before Christ.

With what eagerness did Egyptologists work upon those inscriptions,

comparing royal names in Greek and in hieroglyphics, until at last they discovered the alphabet, and the interpretation of Egyptian writing became possible.

The Rosetta Stone is truly wonderful, a link between past and present; but how mysterious is the meteorite, the link between our world and another! When the ancients saw a great ball of fire suddenly appear in the air, rush rapidly earthward with loud noise and bury itself in the ground, they feared and worshiped it. We study it reverently, but worship its creator.

It is a large, dark, stony mass, marked by rough hollows and depressions. A section shows that a thin crust of pure iron has formed on its surface. The great speed of the meteorite produced heat by friction in our atmosphere and caused the iron to melt. Elements known and common to our Earth we find sent to us from a world unknown. Treated with acids, the section shows fine lines, forming regular geometrical figures, as if the force of crystallization had been at work. Who wonders that the ancients thought these lines the writing of an unknown race, a message of warning, or a prophecy, to the people of Earth?

How small, how insignificant, we seem to ourselves, when for a time we have considered some small part of God's creation. For "Lo, these are parts of his ways; but how little a portion is heard of Him! but the thunder of His power who can understand?"

SYROSMAR.



